

MADICO® SAFETYSHIELD® 1500

Test Data:

Blast Performance/GSA Criteria

<i>Pressure/Impulse</i>	<i>Performance Condition</i>
12.78 PSI/78.79 PSI-ms	3A
9.0 PSI/72.8 PSI-ms	3B

Anti-Intrusion/Security Glazing

UL-972 / ULC-332.	Certified
EN-356.	Category P2A
DIN-52,290	Category A1
<i>Meets or exceeds Anti-Intrusion Safety Glazing Standards in North America and Europe.</i>	

Puncture & Tear Strength

ASTM D-2582	102.2 Average
	Tear Force (Newtons)

Surface Burn Characteristics: ASTM E-84

Flame Spread Index	"A" Rating
Smoke Developed Index	"A" Rating

Ignition Properties: ASTM-D-1926-96

Flash Ignition Temp.	760° F
Self-Ignition Temp.	880° F



Protected by Madico SafetyShield 1500
UL Certified Anti-Intrusion System.

Properties:

Optical Properties

<i>Total Solar Energy</i>	
Transmitted . . . . .	.82%
Reflected . . . . .	.10%
Absorbed . . . . .	.8%

Visible Light

Transmitted . . . . .	.88%
Reflected Interior . . . . .	.10%
Reflected Exterior . . . . .	.10%

"U" Factor (winter) . . . . .	.109
Ultraviolet Light Rejected . . . . .	.99%
Shading Coefficient . . . . .	.097
Solar Heat Gain Coefficient . . . . .	.084
Total Solar Energy Rejected . . . . .	.15%

Physical Properties

Film Thickness	0.015"
Structure	Multiply Laminate
Tensile Strength	32,000 PSI
Break Strength . . . . .	.450 lbs./inch (Width)
Adhesive Type	Acrylic PSA
Peel Strength	5 to 6 lbs./inch



Top: Annealed Glass
Filmed with Safety-
Shield 1500.

Middle: A category
D blast load, 2500
pounds High Explo-
sive is detonated.

Bottom: Shock wave
impacting treated
window with Safety
Shield 1500 and
4 side FrameGard®
anchoring system.

WHEREVER THERE IS GLASS, WE CAN *improve* IT.

All information reported to the best of our knowledge. Independent test results available upon request.